



Origin Cure™

Control Accuracy, Repeatability, Mechanical Properties and Part Details During Curing

The Origin Cure system is engineered to lock in the accuracy, repeatability and detail of your Origin® printed parts - of the first curing cycle and all your future ones.

A simpler workflow and health and safety considerations were integrated into the Origin Cure design leading to an overall improved user experience.

A 360-degree cure and multi-wavelength LED system, together with automatic intensity monitoring and adjustment creates a controlled curing process that ensures uniformity and maintains the exacting dimensions and complex features of green state parts.

Product Specifications

Light Engine	<ul style="list-style-type: none"> UV LED arrays with multiple wavelengths: 365nm, 385nm and 405nm in each array UV intensity uniformity and 360 degree curing within the chamber (no timing nor part flipping required)
Calibration	Automatic intensity monitoring and LED adjustment using two built-in sensors and software
Chamber Dimensions	Max 370 mm x 108 mm x 192 mm (14.56" x 4.25" x 7.56")
Software	<ul style="list-style-type: none"> Touchscreen user interface Programmable intensity ramps/times set per material with the current portfolio of materials pre-loaded Possibility for users to create their own material recipes
Intensity Output range	Up to 450 mW / cm2 total intensity at chamber center (up to 150mW / cm ² for each wavelength)
Power Requirements	100-240 Vac, 50/60Hz
System Size and Weight	<ul style="list-style-type: none"> 450 mm x 430 mm x 410 mm (17.71" x 16.93" x 16.14") 36.74 kg (81 lbs)
Regulatory Compliance	CE, UKCA, RoHS, FCC & Industry Canada
Health & Safety	The only DLP printer protected with VOC solution - Compatibility with Stratasys ProAero™ to automatically evacuate VOCs in the chamber after each cycle



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